

Date: _____

or B. FOIL

A. Using Algebra Tiles

EX: Show how to find the area of a rectangle with sides $(x + 3)$ and $(2x + 1)$ using algebra tiles.

B. Using FOIL

FOIL is an acronym for: First term X First term
Outside term X Outside term
Inside term X Inside term
Last term X Last term

Once the multiplication is done, simplify by collecting like terms.

EX: A. $(x + 3)(2x + 1)$ B. $(3x + 6)(4x - 5)$

C. $(3x - 5y)(2x - 4y)$ D. $3(2x - 1)(4x + 5)$

E. $(2x + 4)(x + 6) - 2(x - 1)(2x - 3)$